



ARA-0548M
225-400 MHz

The **ARA-0548M** is a UHF Line of Sight (LOS) and UHF SATCOM Antenna. It is ideal for high speed SATCOM-On-The-Move (SOTM) operations. The line of sight antenna is used for communicating with satellites low on the horizon or with ground based signals.

The **ARA-0548M** can be used with most tactical Multi-Band, Multi-Mode Receivers (MBMMR), as well as all airborne and ground transceivers that accept a 50 ohm antenna impedance. This antenna attaches magnetically to any steel surface and can endure thousands of mounting and repositioning cycles.

SATCOM ANTENNA



SPECIFICATIONS:

Gain	High Angle: > 8 dBic Low Angle: > +3 dBil
Frequency	225 to 400 MHz
Polarization	High Angle: Right Hand Circular Low Angle: Vertical, Linear
Impedance	50 Ohms Nominal
VSWR	High Angle: 1.5:1 Low Angle: 3.0:1
Isolation	24 dB Minimum
Axial Ratio	3dB at Half Power Points
Power Handling	High Angle: 200 Watt CW Low Angle: 100 Watts CW
Antenna Connectors	High Angle: N Female Low Angle: TNC Female
Mounting	Magnetic Mount
Weight	2.75 Pounds Maximum
Finish	Black (Default) or Tan (-T)

Antenna Research